



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBD29905-15
Job Sheet 195946



Part No: RBD29905-15

Job Qty: 12 pcs

Part Name: Center Plate



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/3/19

Job Tracking No:

Due Date: 7/12/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBD29905 Rev G IPP Rev A 17.11.15 New issue DP Verify DD/IPP Rev B 18.03.08 New DWG update.
DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup	Run		
					Hrs	Hrs	Workcenter / Supplier Lead Time	
110	Waterjet - Omax - 1	12 pcs	7/12/19	7/12/19	0.00	1.00	Waterjet - Omax	SRB 7/12/19
120	QC 2	12 pcs	7/12/19	7/12/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	

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130	QC 8	12 pcs	7/12/19	0.00 0.00	QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	58B 7/16/19
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	DAS
					QC 8 - 40	1 1 2019 40
					QC 8 - 52	9-89
					QC 8 - 23	
					QC 8 - 57	
140	QC 5	12 pcs	7/12/19	0.00 0.00	QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	DAS
					QC 5 - 30	40
					QC 5 - 40	JUL 1 1 2019 9-89
150	Outsource - 4 - Anodize	12 pcs	7/12/19		ATG001-VC Groove	JUL 1 1 2019 KH 2019-07-12
160	Packaging 2-1 - Receive - B4B	12 pcs	7/12/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	

				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
170	QC 6	12 pcs 15	7/12/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
180	Packaging 3-1 - Stock - B4B	12 pcs	7/12/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B

JUL 22 2019

JUL 22 2019

DAS
28
9-89

				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	12 pcs	7/12/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	9-55 JUL 23 2019

G4
141

Part Op 110 - OMAX (Waterjet 2) 1-Cut as per Dwg Dwg Rev: _____ Prog Rev: _____ Ream holes to finished size. 2-
 Descriptions: Deburr if necessary (Red Barn folder)
 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check)
 140 - (QC5- Inspect part completeness to step on W/O)
 150 - (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to ATG : PO 43997 -ANODIZE COLOR
 RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -
 160 - (Receive & Inspect for Damage & Mat'l Certs)
 170 - (QC6- All purchased or subcontracted products)
 180 - (Identify as per dwg & Stock Location: _____)
 190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6S.063	6061-T6 .063 Sheet	.2280 sf (.019 ea)	110-Waterjet - Omax - 1	5152151

Job Allocations

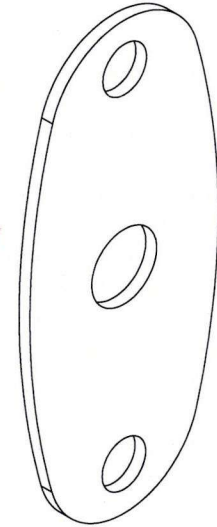
Operation	Component Part	Required	Inventory	Allocated
110-Waterjet - Omax - 1	M6061T6S.063	0	364	0

Part Specifications

Specifications could not be found.

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SHOP COPY
RETURN TO
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 195946



NOTES:
 1) MATERIAL: 6061-T6
 2) HEAT TREAT: N/A
 3) FINISH: RED ANODIZE
 4) SPEC: MIL-A-8625, TYPE II, CLASS 2; WATER SEALANT
 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 6) IDENTIFICATION: N/A

		Hawkesbury, Ontario, Canada			
TITLE CENTER PLATE					
PART NO. RBD29905-15		REV G			
TOOL NO. RBD29905		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING			
INITIALS AND DATE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> DESIGNED BY: VM 1/19/2018 DRAWN BY: ML 02/05/2018 CHECKED BY: ML 02/05/2018 MFG REVIEW BY: RC 02/05/2018 APPROVED BY: ML 02/05/2018 </td> <td style="width: 50%; padding: 5px; vertical-align: top;"> TOLERANCES: XX ± .005 XX ± .01 X ± .1 FRACTIONS ± 1/8 ANGLES ± 5° SURFACE ROUGHNESS </td> </tr> </table>		DESIGNED BY: VM 1/19/2018 DRAWN BY: ML 02/05/2018 CHECKED BY: ML 02/05/2018 MFG REVIEW BY: RC 02/05/2018 APPROVED BY: ML 02/05/2018	TOLERANCES: XX ± .005 XX ± .01 X ± .1 FRACTIONS ± 1/8 ANGLES ± 5° SURFACE ROUGHNESS	SCALE: NTS SHEET 11 OF 11	
DESIGNED BY: VM 1/19/2018 DRAWN BY: ML 02/05/2018 CHECKED BY: ML 02/05/2018 MFG REVIEW BY: RC 02/05/2018 APPROVED BY: ML 02/05/2018	TOLERANCES: XX ± .005 XX ± .01 X ± .1 FRACTIONS ± 1/8 ANGLES ± 5° SURFACE ROUGHNESS				
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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor		
			QC / QA Coordinator		
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Container No: S196990

Part: RBD29905-15

Job No: 195946

Serial No/Batch: S196990

Revision: G

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 07/10/19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043997



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043997

PO Date: 7/12/19

Due Date: 7/22/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-07-16

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189141	RBT400213-1	Tab Bender Body (Outsource process- Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	7/22/19	9 pcs	0 pcs	9 pcs	\$7.55/pcs	\$67.95
				X9		JUL 22 2019	5157418			DP	
2	196720	RB6795633-1	Plate -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	7/22/19	4 pcs	0 pcs	4 pcs	\$9.75/pcs	\$39.00
				X4		JUL 22 2019	5197124			DP	
3	195943	RBD29905-1	Side Plate -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	7/22/19	20 pcs	0 pcs	20 pcs	\$1.05/pcs	\$21.00
				20 X		JUL 18 2019					



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PURCHASE ORDER

POHB043997



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	195948	RBD29905-3	Cord Handle -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	7/22/19	6 pcs	0 pcs	6 pcs	\$1.65/pcs	\$9.90
							6 X	JUL 18 2019			
5	195950	RBD29905-5	Hook -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	7/22/19	24 pcs	0 pcs	24 pcs	\$0.95/pcs	\$22.80
							24 X	JUL 18 2019			
6	195952	RBD29905-9	Pulley -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	7/22/19	24 pcs	0 pcs	24 pcs	\$0.95/pcs	\$22.80
							24 X	JUL 18 2019			
7	195946	RBD29905-15	Center Plate (Outsource process- Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant	Firmed	-	7/22/19	15 pcs	0 pcs	15 pcs	\$1.02/pcs	\$15.30
							X15	JUL 22 2019			
								5196990			DP
8	191733	RB T103317- 105	Plate Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	7/22/19	4 pcs	0 pcs	4 pcs	\$2.35/pcs	\$9.40
							X4	JUL 22 2019			
								5196522			DP



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

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PURCHASE ORDER

POHB043997



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	191732	RB T103317-103	Handle Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed -		7/22/19	4 pcs	0 pcs	4 pcs	\$7.35/pcs	\$29.40
				X4		JUL 22 2019	5196	520		DP	
10	194197	RBT400202-1	Body (QC8- Inspect parts - second check) -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed -		7/22/19	4 pcs	0 pcs	4 pcs	\$7.55/pcs	\$30.20
				X4		JUL 22 2019	5193	243		DP	

Grand Total: \$267.75

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/16/19 3:00 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(020735-2)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

020735 - 2

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
17-Jul-2019		SVETLANA DORZHIYEVA		POHB043997				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order
1	RBT400213-1 Rev.	RBT400213-1 ANO-RED [ANODIZE RED] AS PER IAW MIL-A-8625 TYPE 2, CLASS 2 WATER SEALANT	ANODIZE CH	9	9	0	0	0
2	RB6795633-1 Rev.	RB6795633-1 ANO-RED [ANODIZE RED] AS PER IAW MIL-A-8625 TYPE 2, CLASS 2 WATER SEALANT	ANODIZE CH	4	4	0	0	0
7	RBD29905-15 Rev.	RBD29905-15 ANO-RED [ANODIZE RED] AS PER IAW MIL-A-8625 TYPE 2, CLASS 2 WATER SEALANT	ANODIZE CH	15	15	0	0	0
8	RBT103317-105 Rev.	RBT103317-105 ANO-RED [ANODIZE RED] AS PER IAW MIL-A-8625 TYPE 2, CLASS 2 WATER SEALANT	ANODIZE CH	4	4	0	0	0
9	RBT103317-103 Rev.	RBT103317-103 ANO-RED [ANODIZE RED] AS PER IAW MIL-A-8625 TYPE 2, CLASS 2 WATER SEALANT	ANODIZE CH	4	4	0	0	0
10	RBT400202-1 Rev.	RBT400202-1 ANO-RED [ANODIZE RED] AS PER IAW MIL-A-8625 TYPE 2, CLASS 2 WATER SEALANT	ANODIZE CH	4	4	0	0	0

DAS
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9-89

RECEIVED

JUL 19 2019

Notes Additionnelles / Additional Notes

DART AEROSPACE LTD.

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

JP JAY

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.